

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027464.D
 Acq On : 16 Jun 2017 5:36
 Operator : SJ/MA
 Sample : I3691-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A1013

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.322	92	108	116	rBV	71789	144105	1.01%	0.152%
2	4.698	160	172	181	rVB	196962	466648	3.26%	0.493%
3	4.787	181	187	200	rVB	204606	326260	2.28%	0.345%
4	5.409	276	293	300	rBV2	123851	383265	2.68%	0.405%
5	5.656	328	335	339	rBV	604960	1006260	7.03%	1.064%
6	5.691	339	341	349	rVB	248563	340347	2.38%	0.360%
7	5.950	377	385	392	rBV	122793	208042	1.45%	0.220%
8	6.103	407	411	418	rVB	122185	209042	1.46%	0.221%
9	6.185	418	425	438	rVB	237095	535773	3.74%	0.567%
10	6.532	474	484	497	rBV2	5089170	10003717	69.89%	10.579%
11	7.101	575	581	586	rBV	441134	640310	4.47%	0.677%
12	7.666	670	677	685	rVV3	157879	458070	3.20%	0.484%
13	7.936	705	723	736	rBV	1274184	2318587	16.20%	2.452%
14	8.053	736	743	749	rBV	214217	399132	2.79%	0.422%
15	8.159	756	761	769	rVB	120309	207438	1.45%	0.219%
16	8.553	813	828	836	rBV2	751367	1520828	10.63%	1.608%
17	8.747	854	861	866	rBV3	75174	172241	1.20%	0.182%
18	8.847	871	878	884	rVB	371642	686564	4.80%	0.726%
19	9.046	907	912	922	rVB3	117966	216959	1.52%	0.229%
20	9.140	922	928	933	rBV2	78103	152206	1.06%	0.161%
21	9.334	954	961	974	rVB	213562	438775	3.07%	0.464%
22	9.616	1000	1009	1015	rBV	1274383	2359173	16.48%	2.495%
23	9.681	1015	1020	1029	rVV	369790	771093	5.39%	0.815%
24	9.822	1030	1044	1047	rVV	224286	696959	4.87%	0.737%
25	10.139	1087	1098	1103	rBV2	107634	238450	1.67%	0.252%
26	10.198	1103	1108	1113	rVV	157479	277744	1.94%	0.294%
27	10.257	1113	1118	1127	rVB	363302	572582	4.00%	0.606%
28	10.398	1136	1142	1153	rVB4	347110	745782	5.21%	0.789%
29	10.574	1166	1172	1175	rBV2	90176	190286	1.33%	0.201%
30	10.727	1179	1198	1202	rBV5	461083	1870017	13.06%	1.978%
31	11.338	1295	1302	1306	rVV	221747	451187	3.15%	0.477%
32	11.391	1306	1311	1317	rVB	378957	710682	4.97%	0.752%
33	11.614	1326	1349	1354	rBV	1955599	7663489	53.54%	8.104%
34	11.684	1354	1361	1367	rVV3	308743	747089	5.22%	0.790%

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35	11.761	1367	1374	1380	rVV2	484104	962835	6.73%	1.018%
36	11.825	1380	1385	1394	rVB5	126398	233526	1.63%	0.247%
37	11.966	1401	1409	1419	rVB2	479159	999831	6.99%	1.057%
38	12.419	1480	1486	1492	rBV5	68830	150295	1.05%	0.159%
39	12.583	1510	1514	1524	rVB2	92796	193949	1.36%	0.205%
40	12.942	1568	1575	1580	rBV2	277577	656130	4.58%	0.694%
41	13.100	1598	1602	1608	rVV2	312116	512028	3.58%	0.541%
42	13.177	1609	1615	1623	rVB3	118128	276018	1.93%	0.292%
43	13.729	1702	1709	1716	rVB	1240496	2185134	15.27%	2.311%
44	13.935	1736	1744	1755	rBV4	459727	1205808	8.42%	1.275%
45	14.129	1772	1777	1780	rBV	99474	145418	1.02%	0.154%
46	14.311	1802	1808	1813	rVB5	191584	327433	2.29%	0.346%
47	14.434	1821	1829	1833	rBV2	338994	642018	4.49%	0.679%
48	14.534	1841	1846	1856	rVB3	267961	440972	3.08%	0.466%
49	14.640	1858	1864	1873	rBV3	252109	451258	3.15%	0.477%
50	14.963	1911	1919	1928	rBV5	166044	338152	2.36%	0.358%
51	15.080	1928	1939	1954	rBV	3547694	6612565	46.20%	6.993%
52	15.456	1997	2003	2008	rBV	1727264	2257875	15.77%	2.388%
53	15.850	2065	2070	2077	rBV6	701187	1589702	11.11%	1.681%
54	15.962	2084	2089	2090	rBV3	163614	205731	1.44%	0.218%
55	15.985	2090	2093	2098	rVB	412267	548796	3.83%	0.580%
56	16.044	2098	2103	2106	rBV	756612	1000190	6.99%	1.058%
57	16.091	2106	2111	2114	rVV	1169960	1779119	12.43%	1.881%
58	16.126	2114	2117	2122	rVB	1978247	2357469	16.47%	2.493%
59	16.208	2127	2131	2134	rVV2	176681	279306	1.95%	0.295%
60	16.244	2134	2137	2142	rVV	605276	777501	5.43%	0.822%
61	16.308	2145	2148	2152	rVV	89450	152001	1.06%	0.161%
62	16.355	2152	2156	2161	rVB3	115220	181763	1.27%	0.192%
63	16.449	2167	2172	2175	rBV	493187	864859	6.04%	0.915%
64	16.485	2175	2178	2182	rVV	802447	1064039	7.43%	1.125%
65	16.520	2182	2184	2188	rVB2	153420	174035	1.22%	0.184%
66	16.590	2188	2196	2207	rBV3	554323	1169465	8.17%	1.237%
67	16.696	2209	2214	2216	rBV3	86941	148013	1.03%	0.157%
68	17.037	2267	2272	2276	rVV	251059	350112	2.45%	0.370%
69	17.096	2276	2282	2288	rVB2	287925	425364	2.97%	0.450%
70	17.342	2319	2324	2329	rBV2	70116	166194	1.16%	0.176%
71	17.395	2329	2333	2341	rVB4	123749	274539	1.92%	0.290%

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72	17.489	2342	2349	2353	rBV3	83303	166130	1.16%	0.176%
73	17.560	2356	2361	2363	rBV2	163381	254699	1.78%	0.269%
74	17.859	2405	2412	2423	rVB2	580589	971895	6.79%	1.028%
75	18.335	2479	2493	2498	rVB	6104069	14313493	100.00%	15.137%
76	19.892	2754	2758	2763	rVB	218658	261876	1.83%	0.277%
77	20.251	2813	2819	2825	rBV	687637	1037504	7.25%	1.097%
78	20.433	2844	2850	2858	rVB	2574041	3533987	24.69%	3.737%
79	21.749	3069	3074	3083	rBV4	187910	368058	2.57%	0.389%
80	22.231	3149	3156	3166	rVB	603446	1147565	8.02%	1.214%
81	23.512	3368	3374	3387	rVB	245692	578552	4.04%	0.612%
82	23.764	3412	3417	3427	rVB5	57538	145002	1.01%	0.153%
83	25.885	3767	3778	3791	rBV3	339225	1117186	7.81%	1.181%
84	26.085	3804	3812	3833	rVB3	100533	435816	3.04%	0.461%

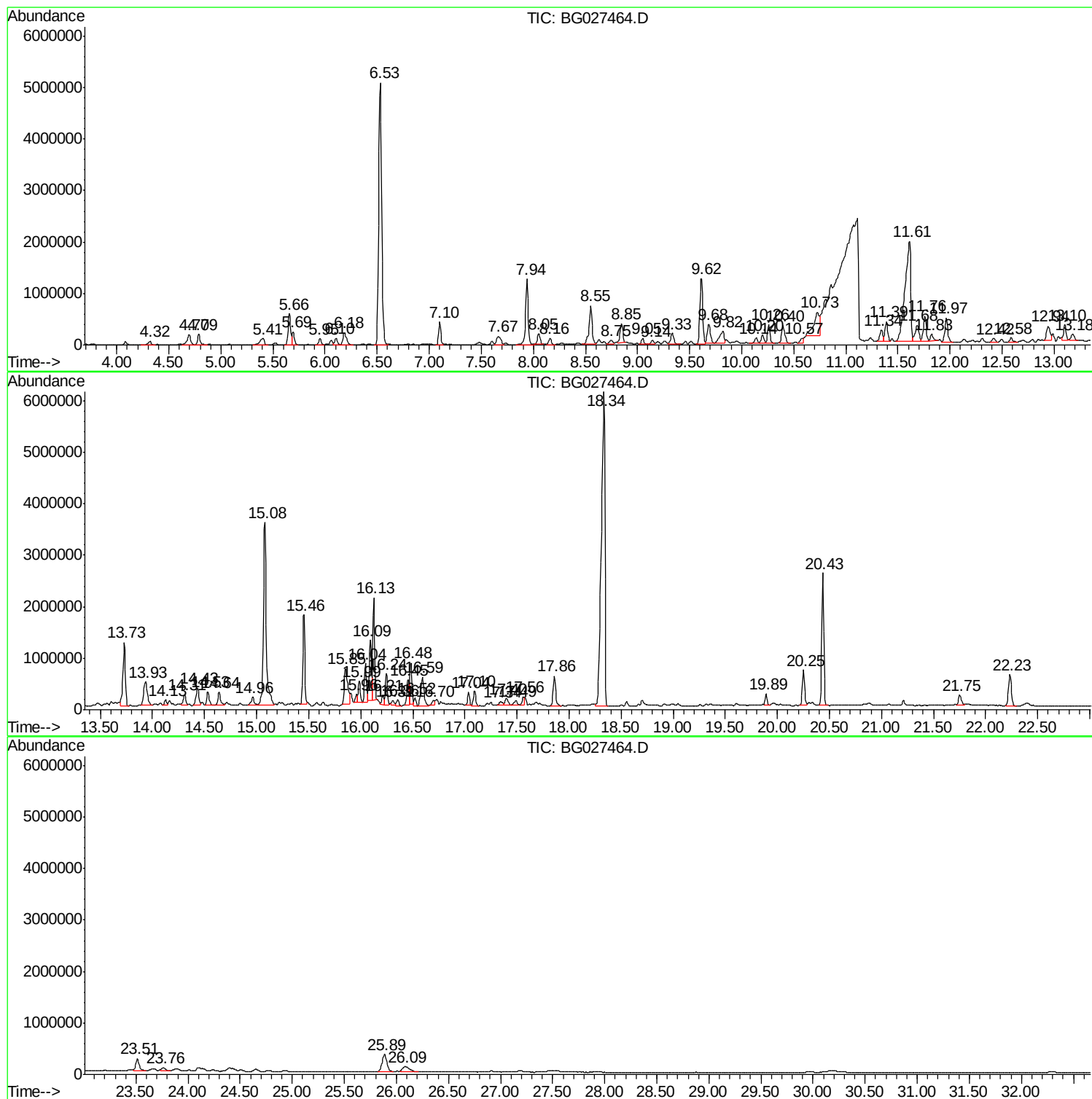
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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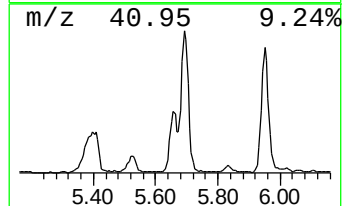
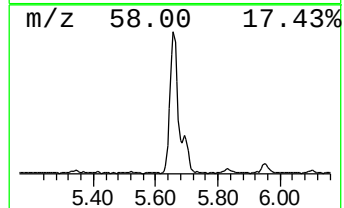
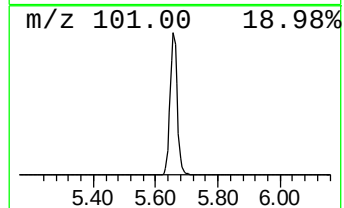
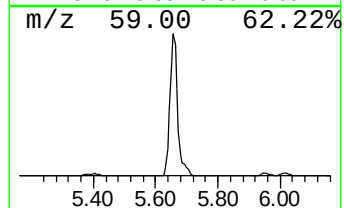
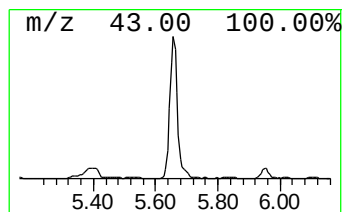
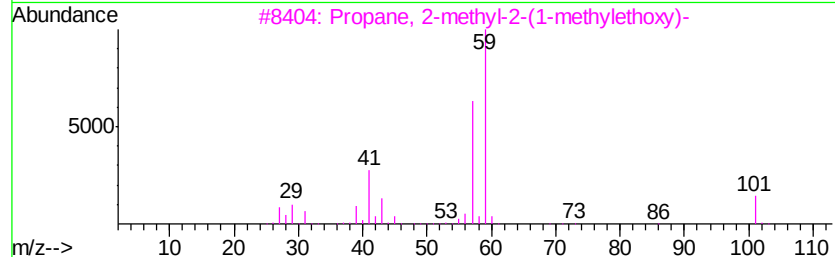
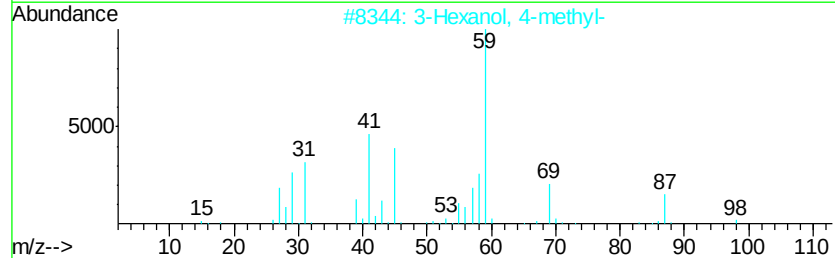
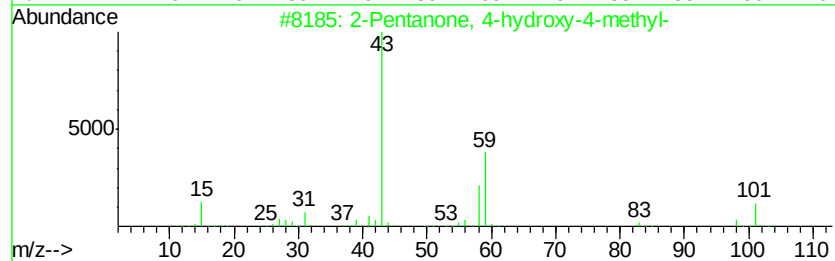
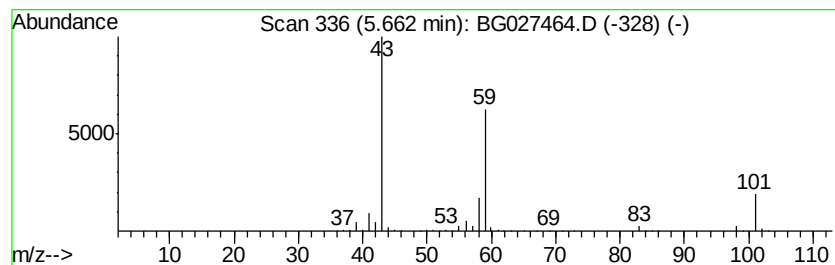
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	13.23 ng	1006260	1,4-Dichlorobenzene-d4	8.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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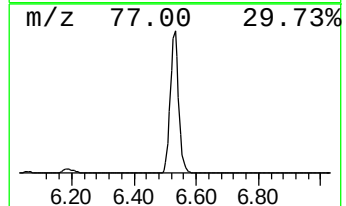
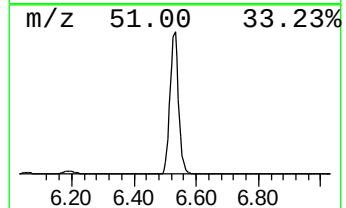
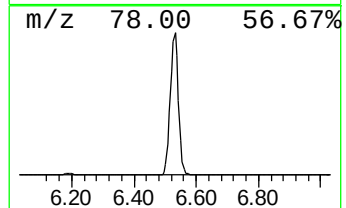
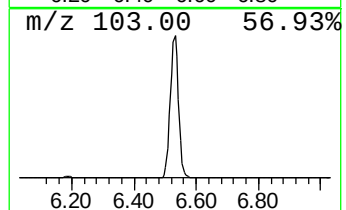
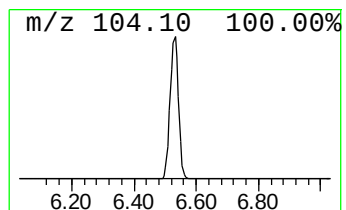
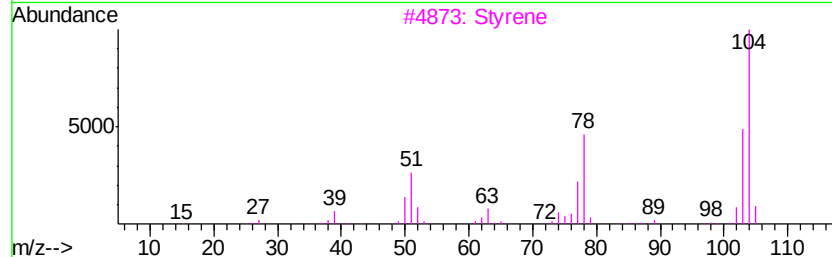
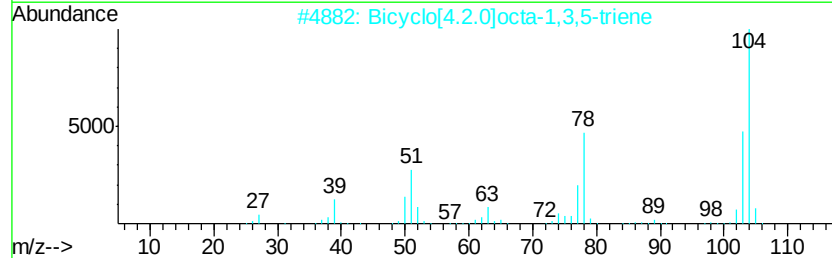
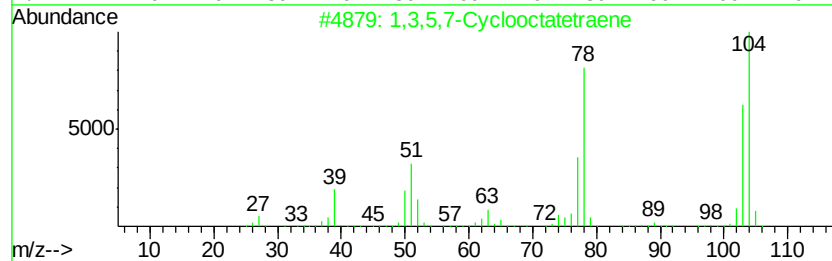
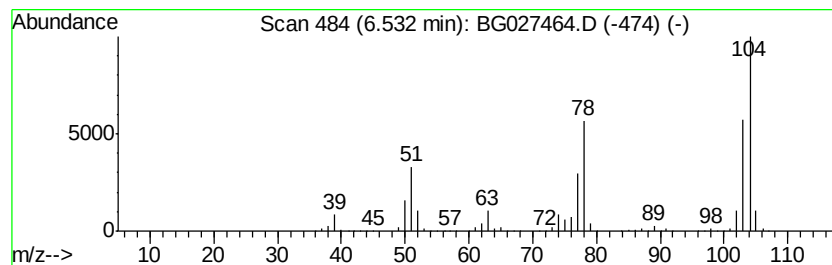
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	131.56 ng	10003700	1,4-Dichlorobenzene-d4	8.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3		Styrene	104	C8H8	000100-42-5	96
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	80
5		1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	40



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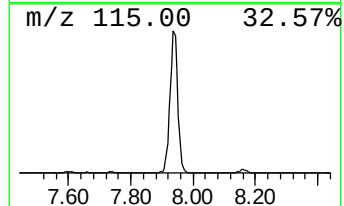
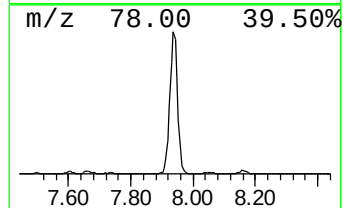
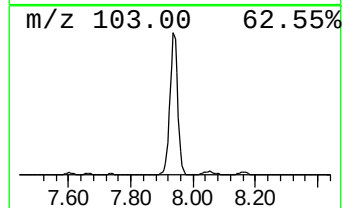
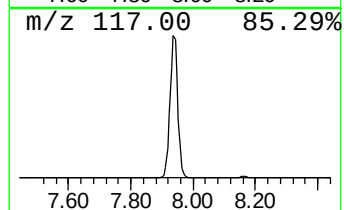
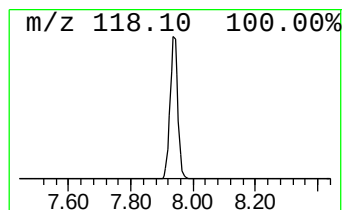
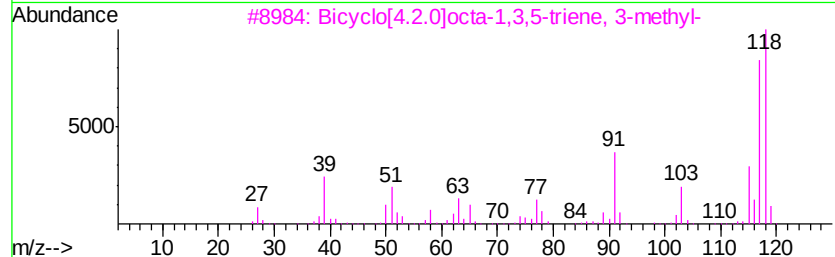
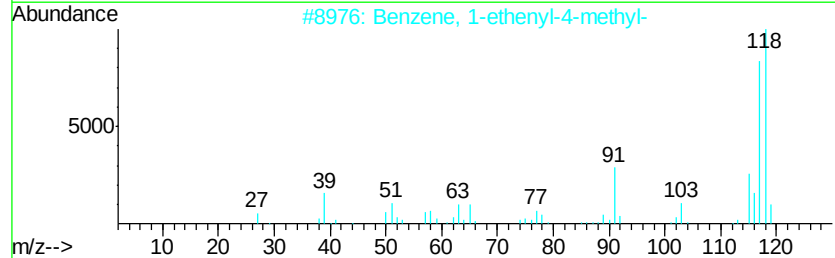
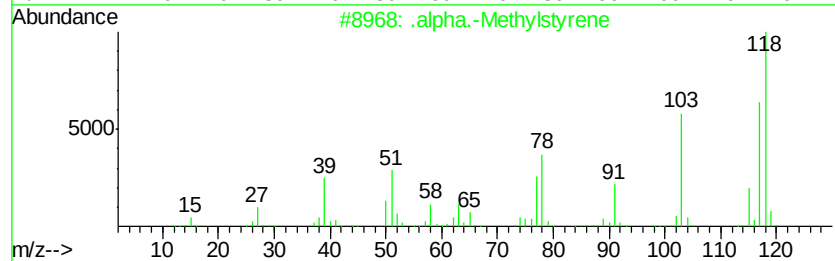
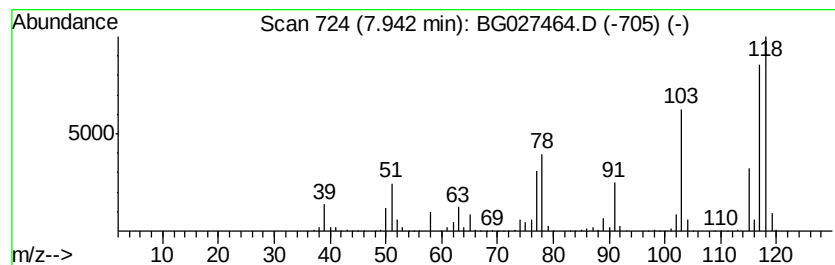
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Methylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	30.49 ng	2318590	1,4-Dichlorobenzene-d4	8.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstyrene	118	C9H10	000098-83-9	96
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	49
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	49
5		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	43



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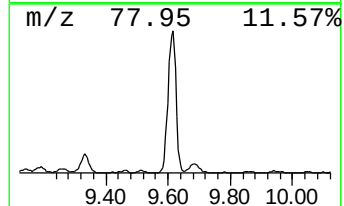
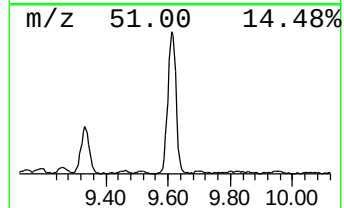
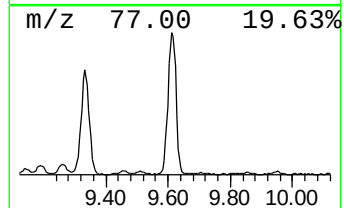
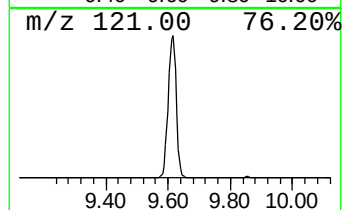
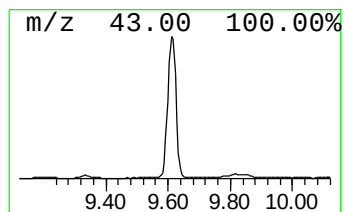
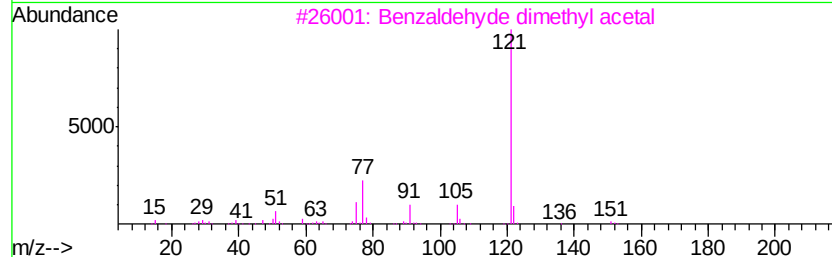
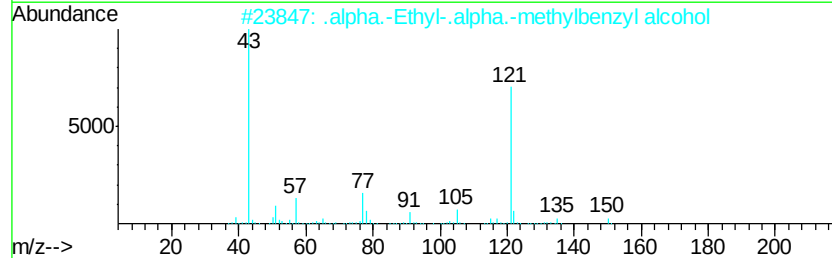
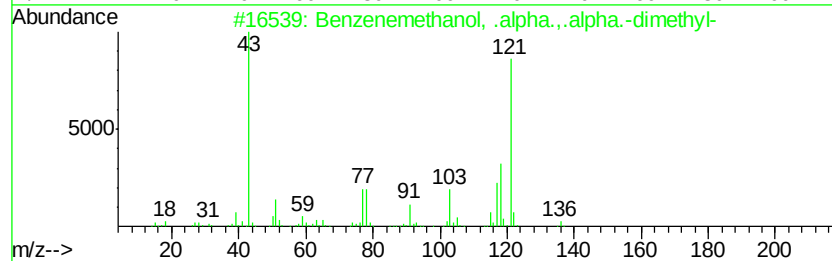
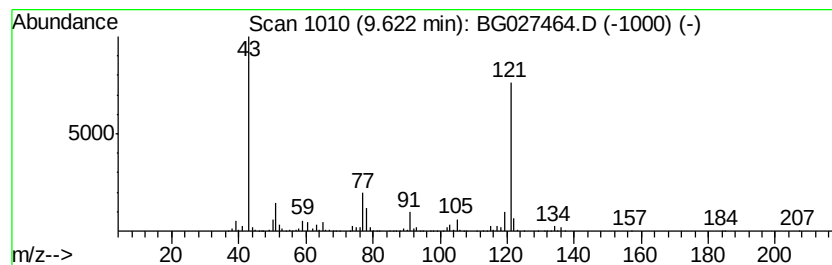
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenemethanol, .alpha.,.a... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	31.02 ng	2359170	1,4-Dichlorobenzene-d4	8.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	80
2		.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	72
3		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	59
4		3-Methoxy-3-phenylpropyl chloride	184	C10H13ClO	1000370-35-5	53
5		Benzene, (3-iodo-1-methoxybutyl)-	290	C11H15IO	1000327-38-8	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
Data File : BG027464.D
Acq On : 16 Jun 2017 5:36
Operator : SJ/MA
Sample : I3691-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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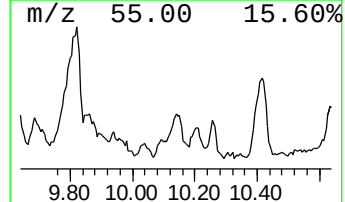
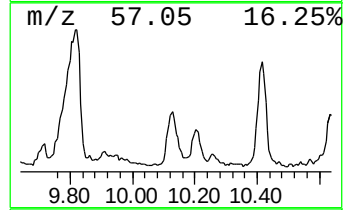
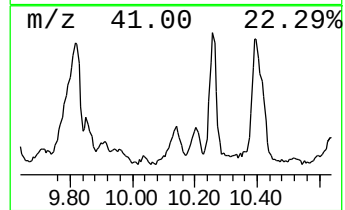
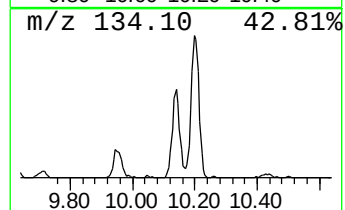
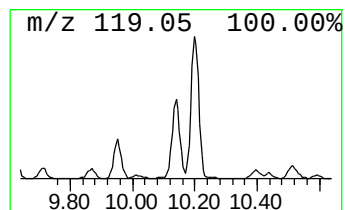
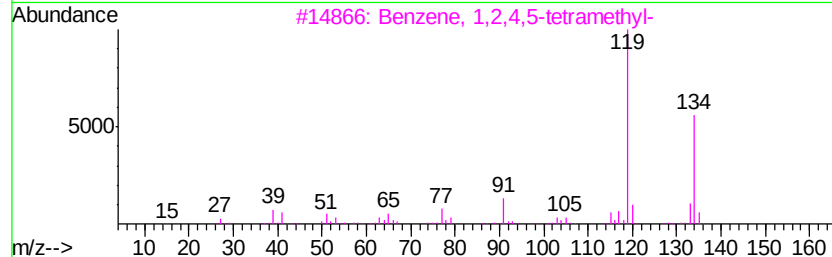
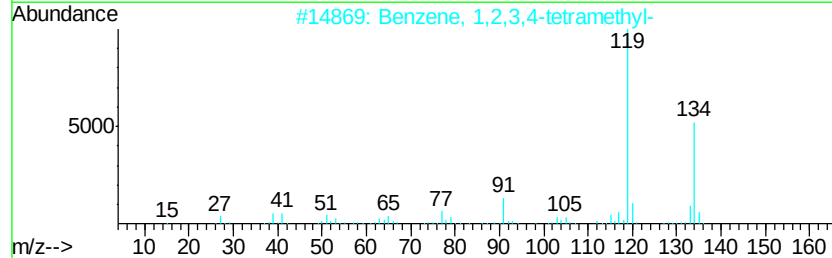
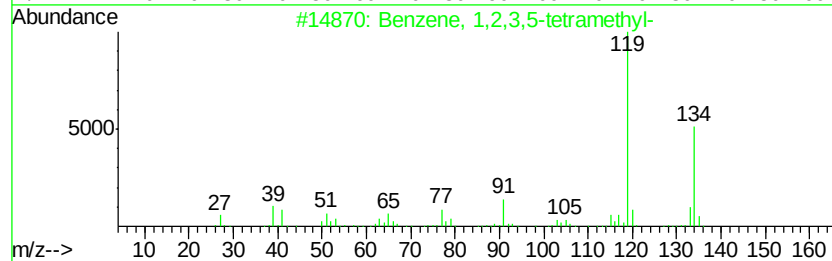
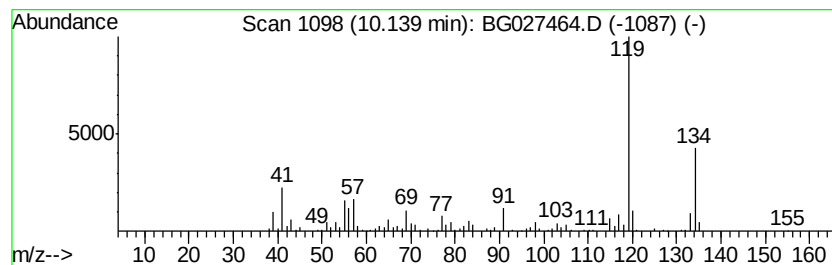
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	10.57 ng	238450	Napthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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ClientSampleId :
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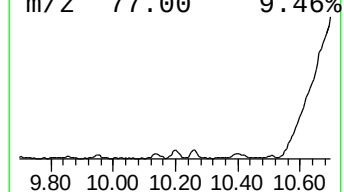
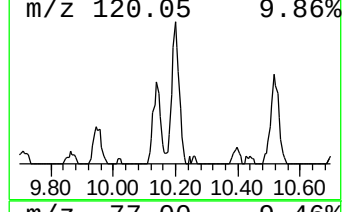
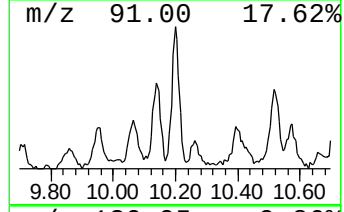
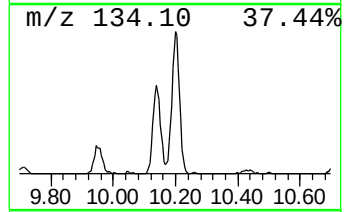
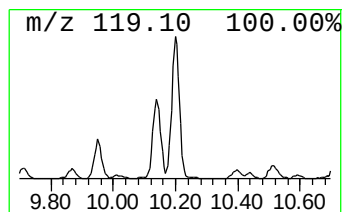
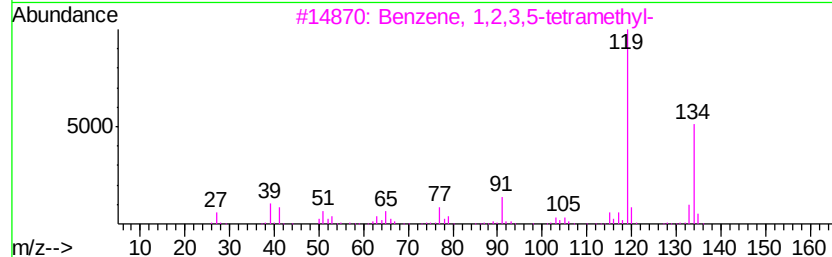
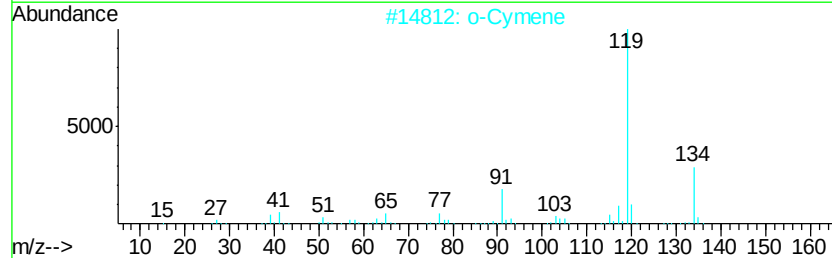
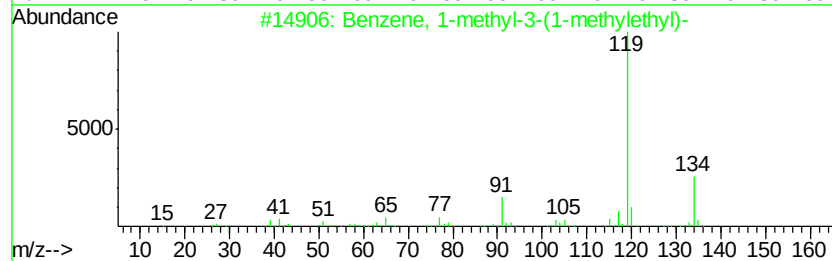
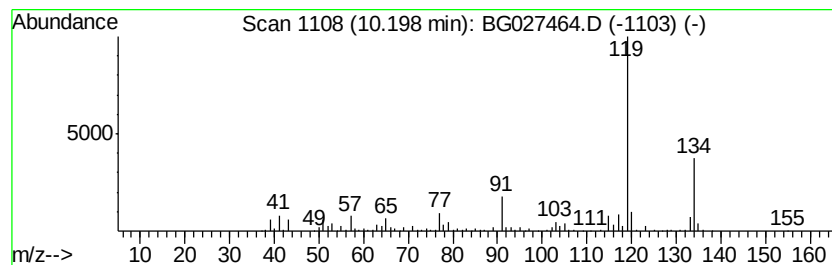
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.31 ng	277744	Napthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		p-Cymene	134	C10H14	000099-87-6	94



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Sample : I3691-01
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ClientSampleId :
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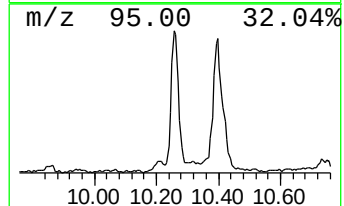
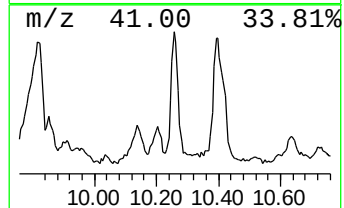
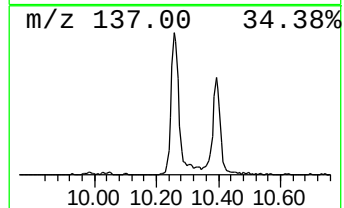
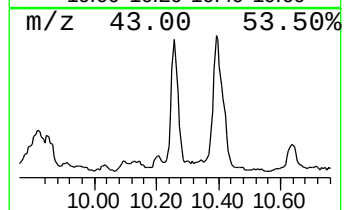
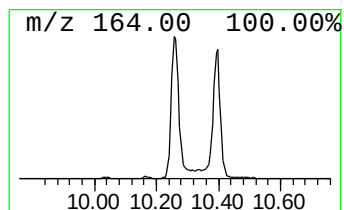
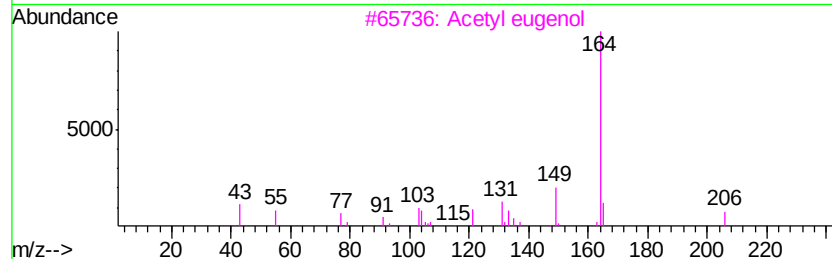
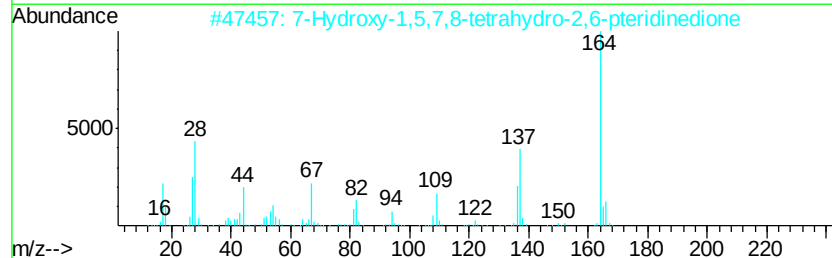
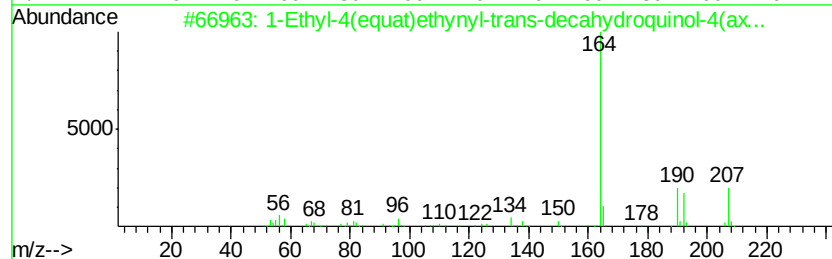
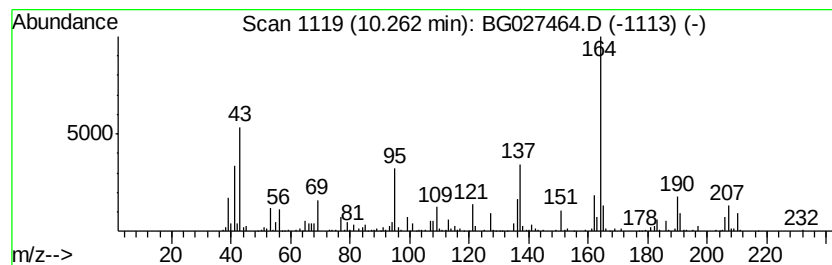
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.26 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	25.38 ng	572582	Naphthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4(equat)ethynyl-trans-de...	207	C13H21NO	060682-63-5	47
2		7-Hydroxy-1,5,7,8-tetrahydro-2,6...	182	C6H6N4O3	089418-30-4	47
3		Acetyl eugenol	206	C12H14O3	1000284-91-1	46
4		2-Benzothiazolamine, 6-methyl-	164	C8H8N2S	002536-91-6	43
5		Phenol, 2-methoxy-4-(2-propenyl)...	206	C12H14O3	000093-28-7	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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Misc :
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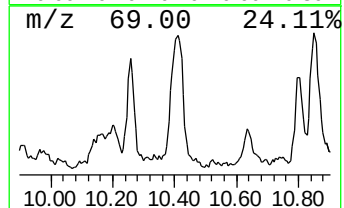
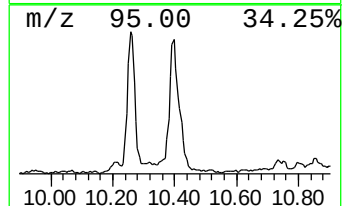
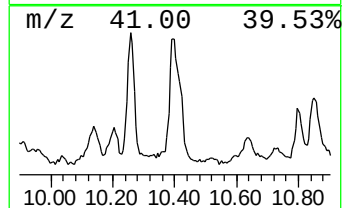
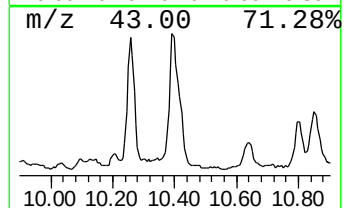
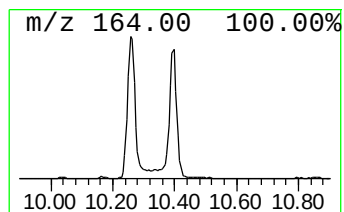
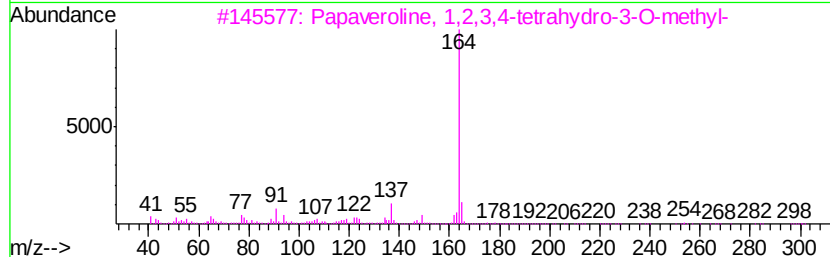
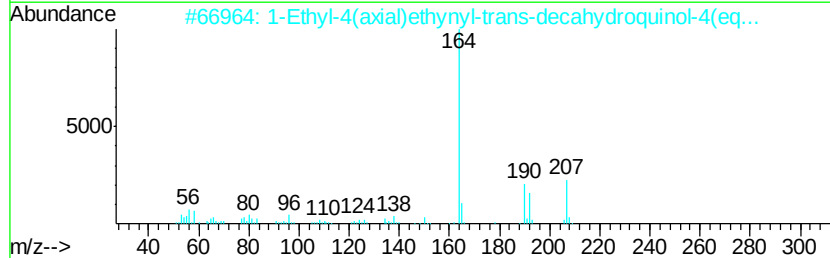
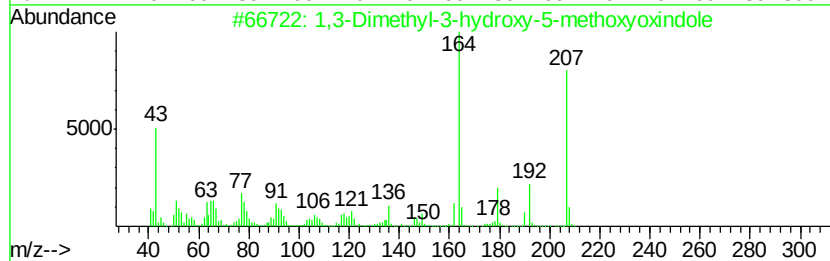
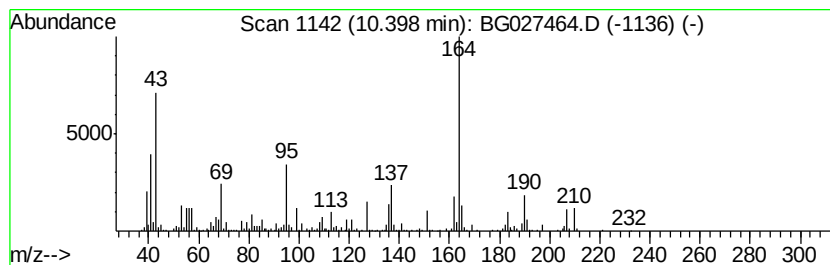
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown10.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	33.06 ng	745782	Napthalene-d8	11.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,3-Dimethyl-3-hydroxy-5-methoxy...	207 C11H13NO3	1000131-72-6 47
2		1-Ethyl-4(axial)ethynyl-trans-de...	207 C13H21NO	060682-64-6 47
3		Papaveroline, 1,2,3,4-tetrahydro...	301 C17H19NO4	074660-80-3 47
4		1-Ethyl-4(equat)ethynyl-trans-de...	207 C13H21NO	060682-63-5 43
5		5-Methoxy-2-allylphenol	164 C10H12O2	1000306-52-6 43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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ClientSampleId :
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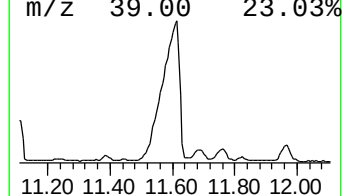
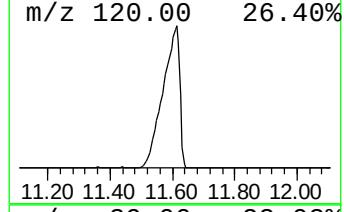
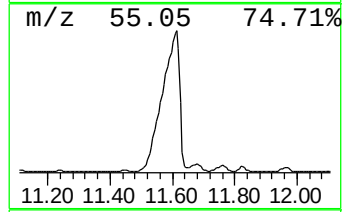
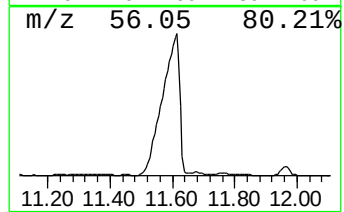
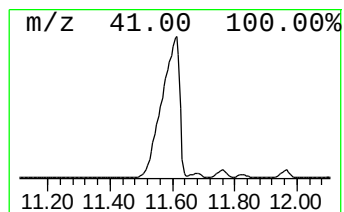
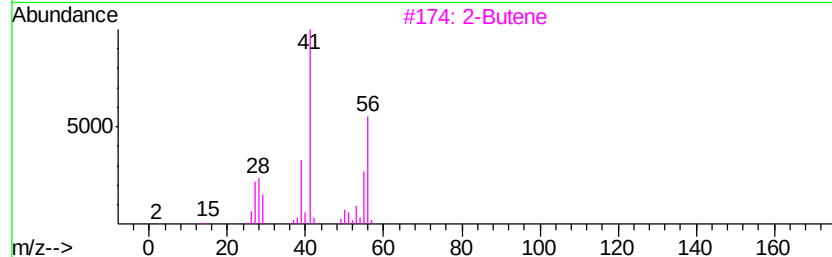
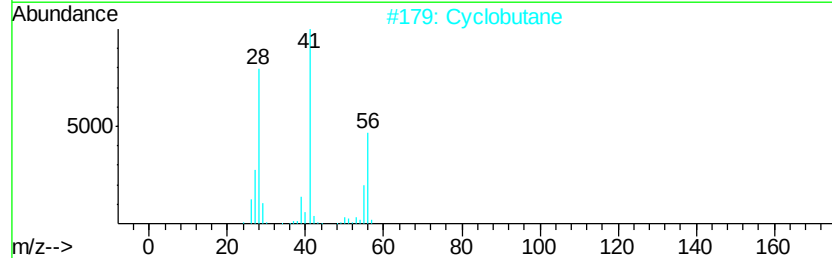
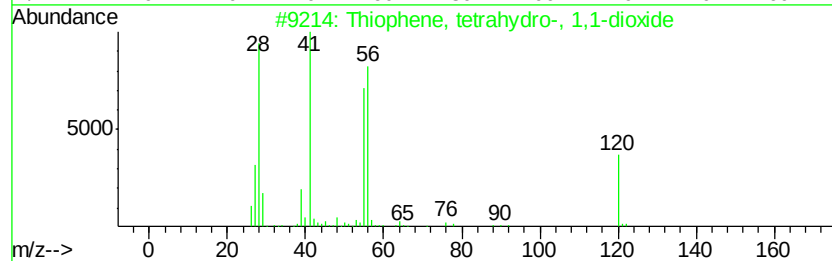
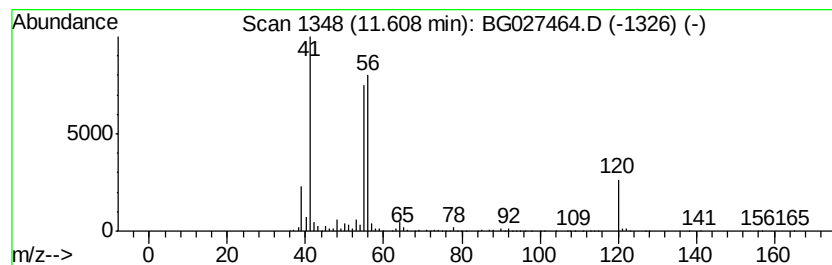
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Thiophene, tetrahydro-, 1,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	339.70 ng	7663490	Napthalene-d8	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	91
2			Cyclobutane	56	C4H8	000287-23-0	50
3			2-Butene	56	C4H8	000107-01-7	47
4			2-Butene, (E)-	56	C4H8	000624-64-6	40
5			4-Penten-2-ol, 3-methyl-	100	C6H12O	001569-59-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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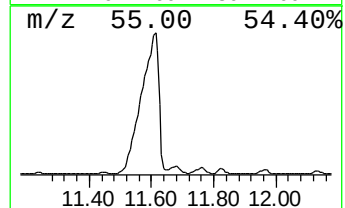
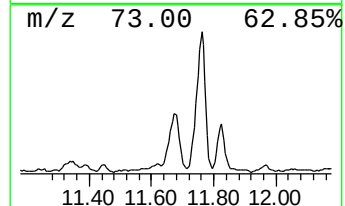
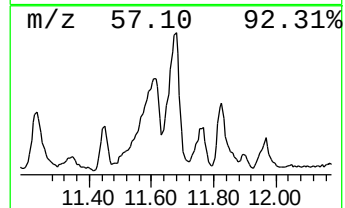
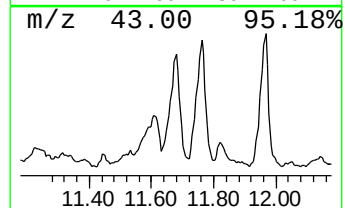
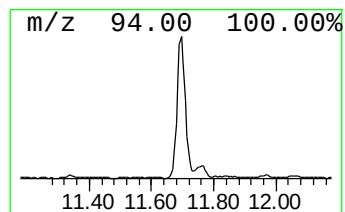
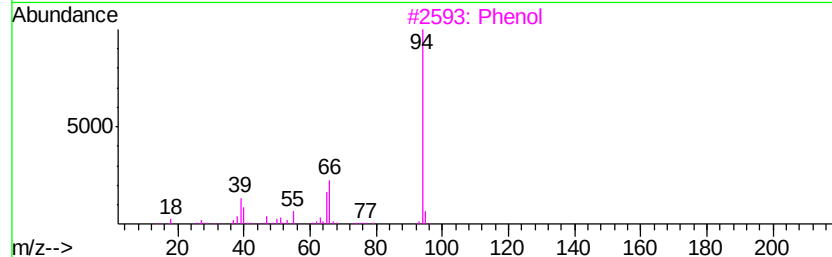
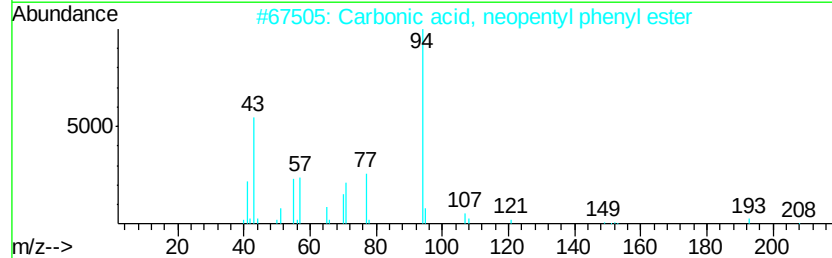
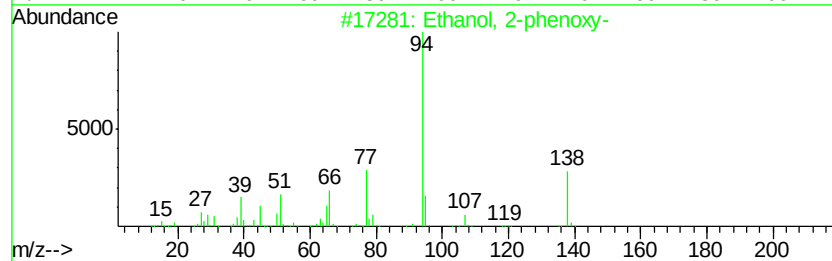
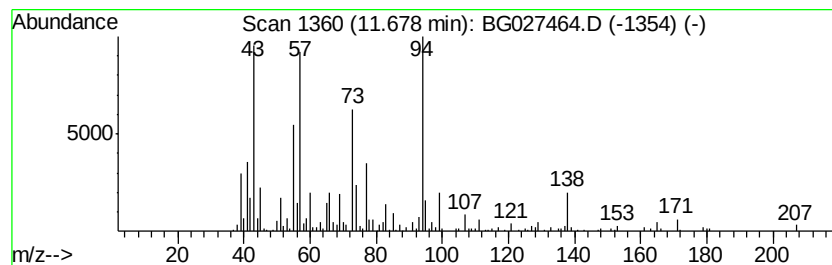
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Ethanol, 2-phenoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	33.12 ng	747089	Napthalene-d8	11.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-phenoxy-	138 C8H10O2	000122-99-6 93
2		Carbonic acid, neopentyl phenyl ...	208 C12H16O3	013183-19-2 47
3		Phenol	94 C6H6O	000108-95-2 43
4		1-Phenoxypropan-2-ol	152 C9H12O2	000770-35-4 40
5		Carbamic acid, methyl-, phenyl e...	151 C8H9NO2	001943-79-9 38



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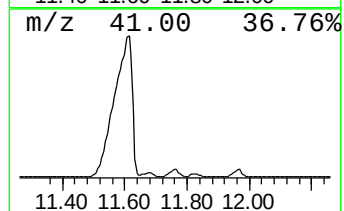
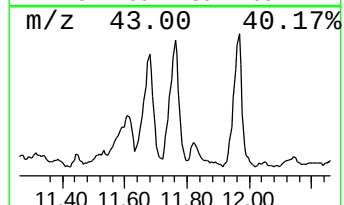
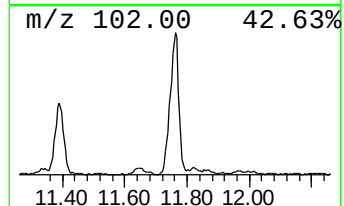
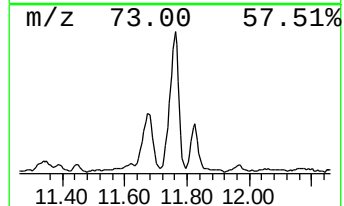
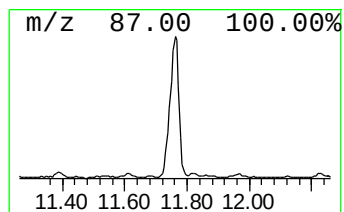
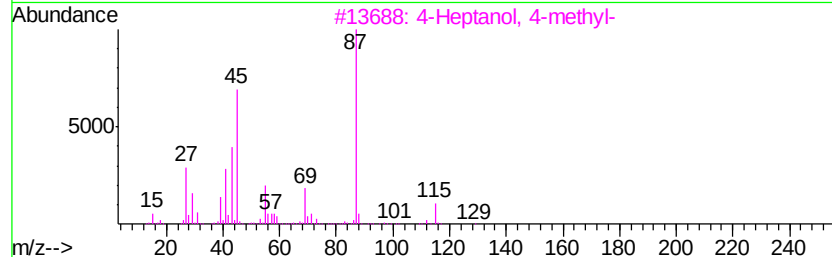
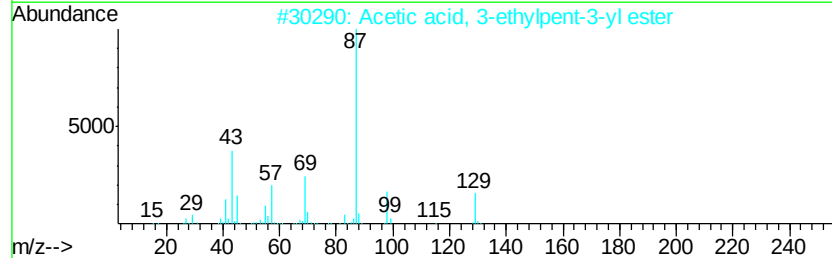
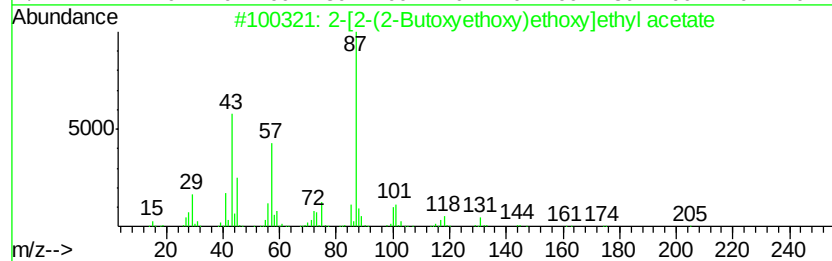
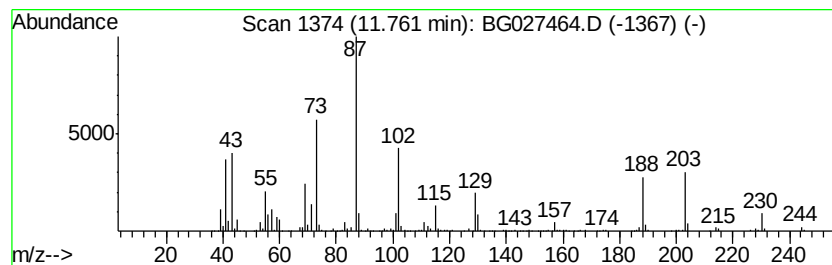
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown11.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	42.68 ng	962835	Napthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-[2-(2-Butoxyethoxy)ethoxy]ethy...	248	C12H24O5	1000351-94-1	35
2		Acetic acid, 3-ethylpent-3-yl ester	158	C9H18O2	1000368-76-0	32
3		4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	27
4		Hydrazine, 1,2-dipropyl-	116	C6H16N2	001615-83-4	25
5		1,3-Dioxolane, 2-(1,1-dimethylet...	144	C8H16O2	006135-54-2	23



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
Data File : BG027464.D
Acq On : 16 Jun 2017 5:36
Operator : SJ/MA
Sample : I3691-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

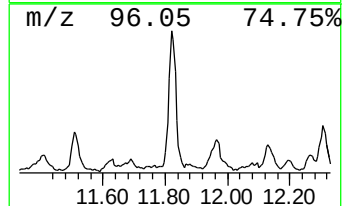
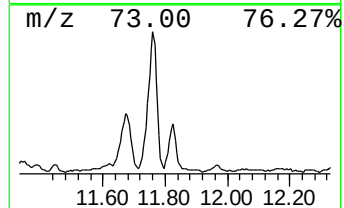
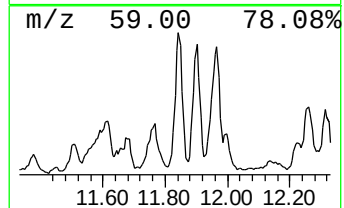
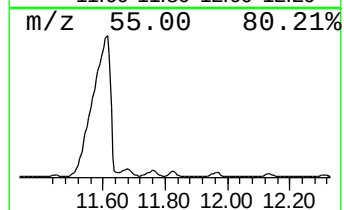
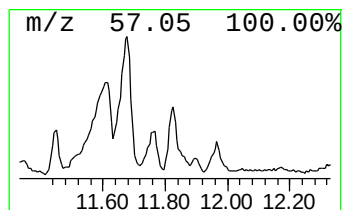
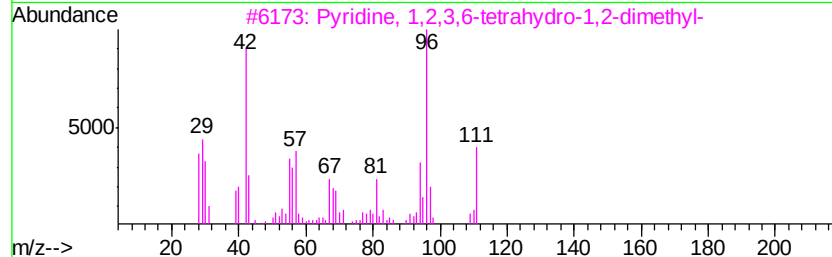
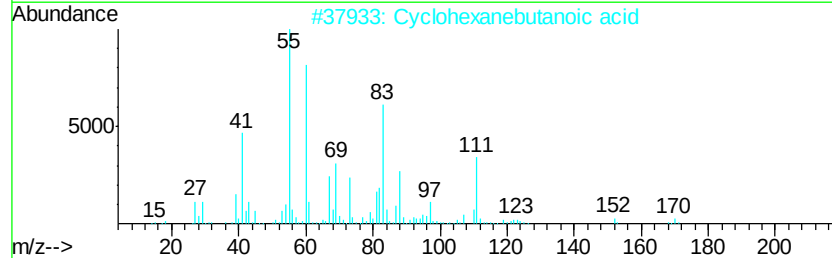
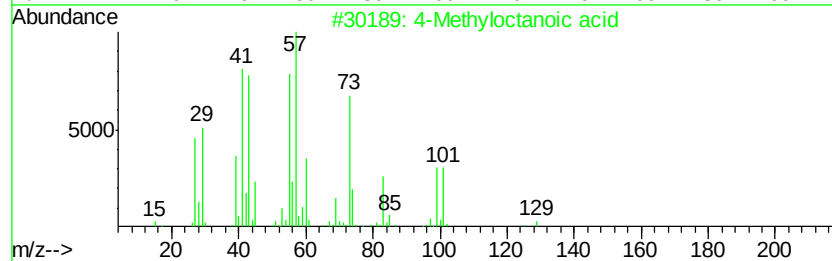
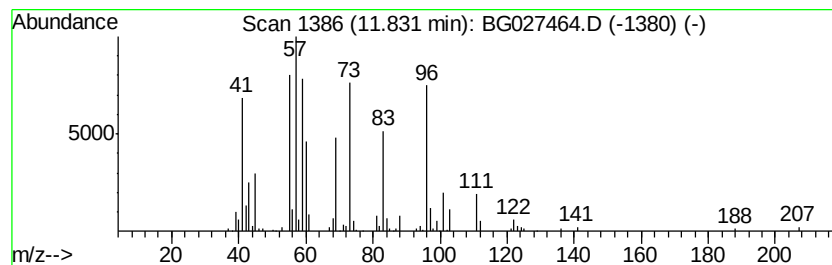
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.83 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	10.35 ng	233526	Napthalene-d8	11.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Methyloctanoic acid	158 C9H18O2	054947-74-9 38
2		Cyclohexanebutanoic acid	170 C10H18O2	004441-63-8 32
3		Pyridine, 1,2,3,6-tetrahydro-1,2...	111 C7H13N	000694-84-8 22
4		Pentanenitrile, 4,4-dimethyl-5-oxo-	125 C7H11NO	006140-61-0 12
5		3-Hexanol, 3,5-dimethyl-	130 C8H18O	004209-91-0 12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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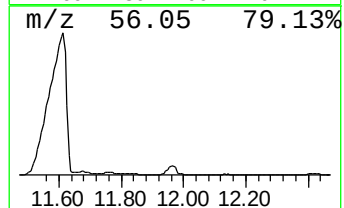
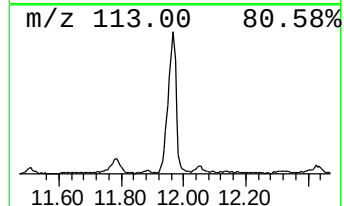
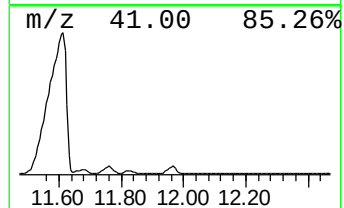
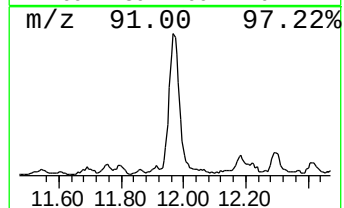
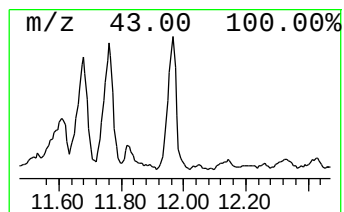
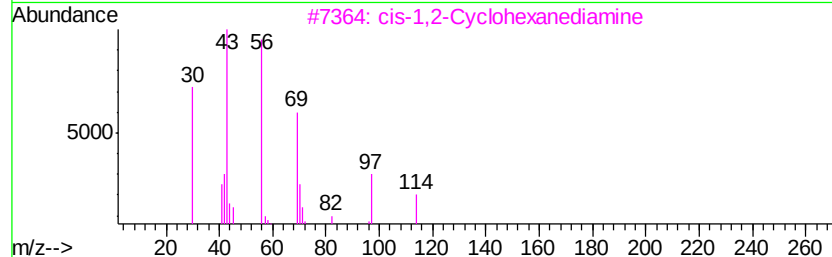
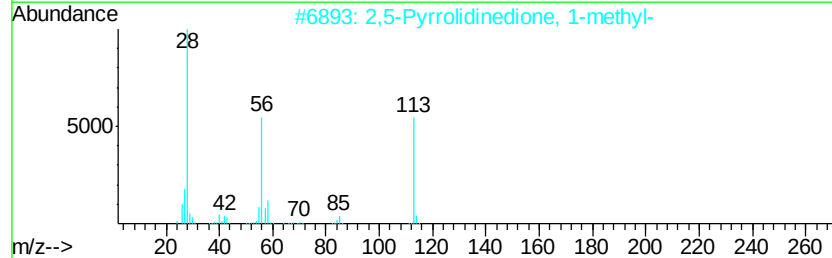
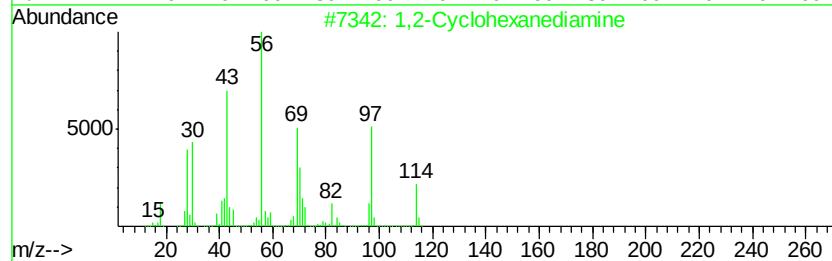
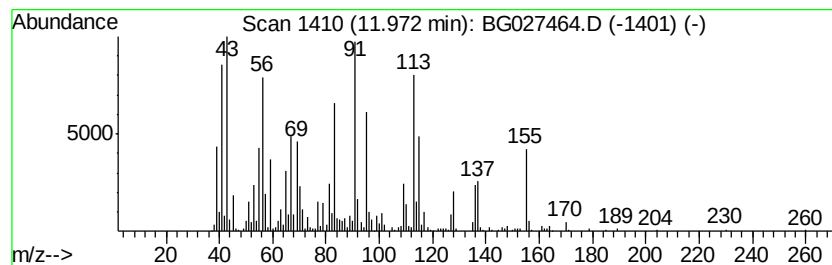
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown11.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	44.32 ng	999831	Napthalene-d8	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	25
2	2,5-Pyrrolidinedione, 1-methyl-	113	C5H7NO2	001121-07-9	22
3	cis-1,2-Cyclohexanediamine	114	C6H14N2	001436-59-5	15
4	Cyclohexanemethylamine	113	C7H15N	003218-02-8	14
5	Cyclopropanecarboxylic acid, 3-(...	168	C10H16O2	074779-76-3	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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Sample : I3691-01
Misc :
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Instrument :
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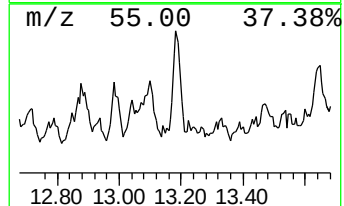
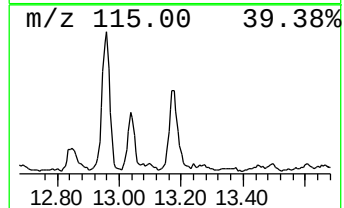
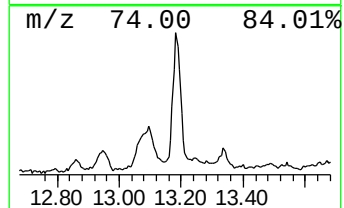
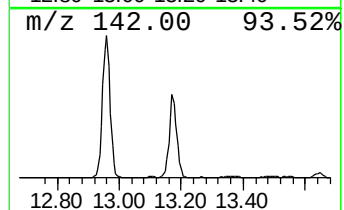
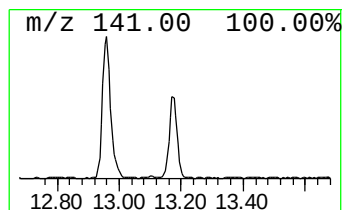
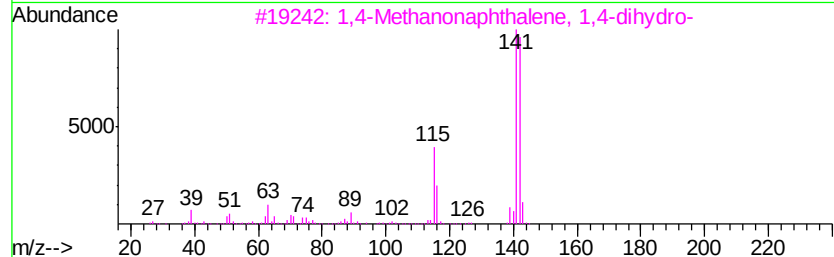
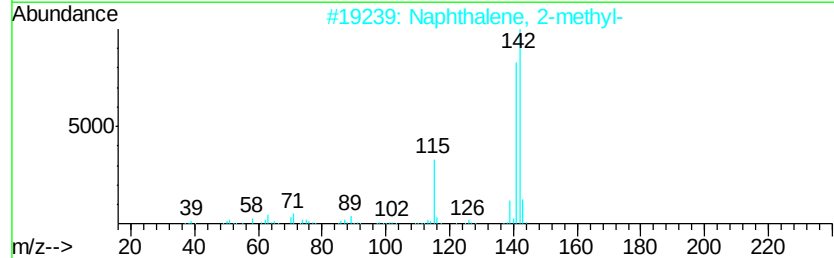
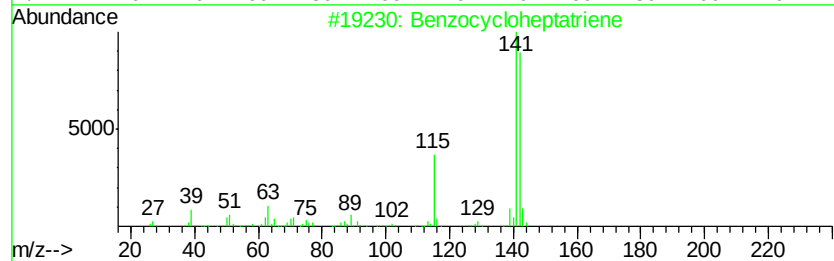
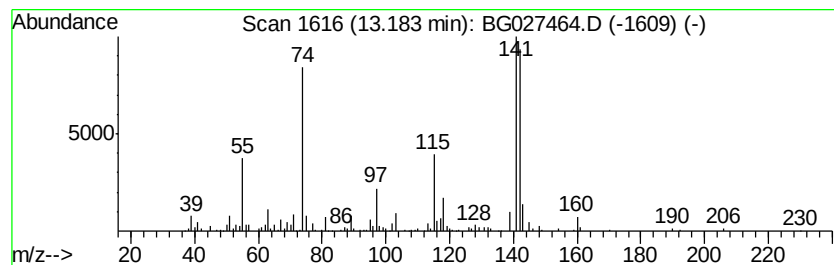
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzocycloheptatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	12.24 ng	276018	Naphthalene-d8	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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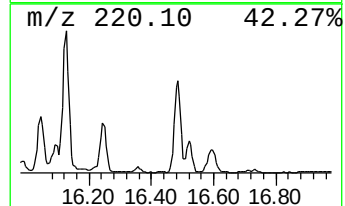
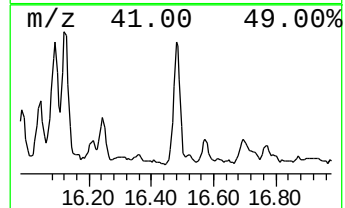
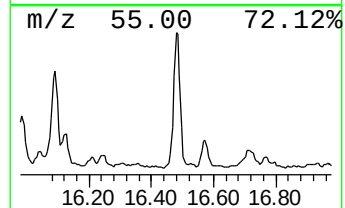
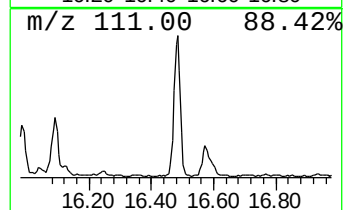
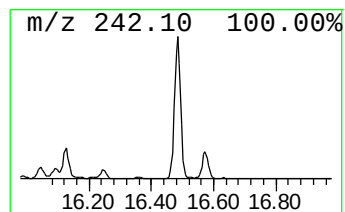
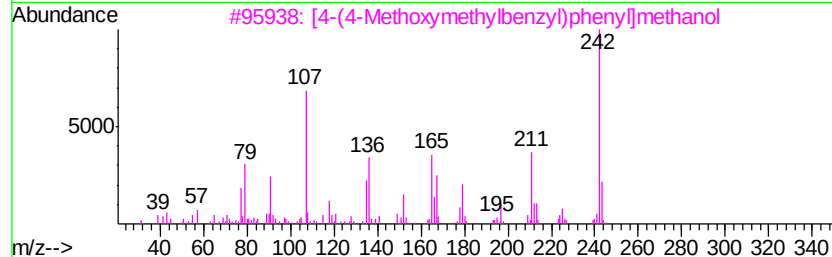
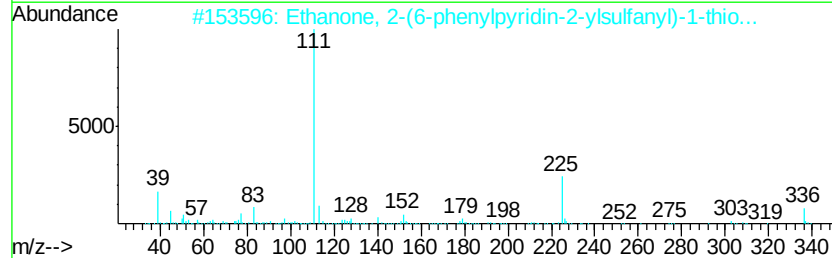
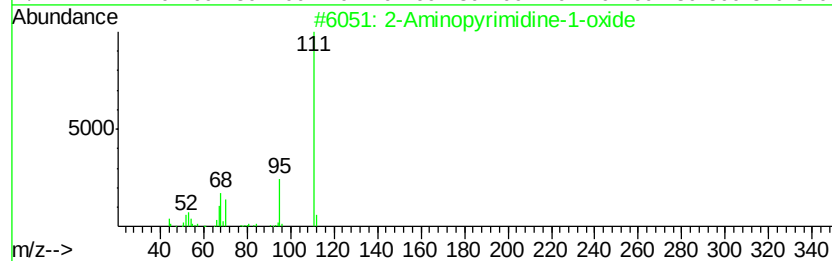
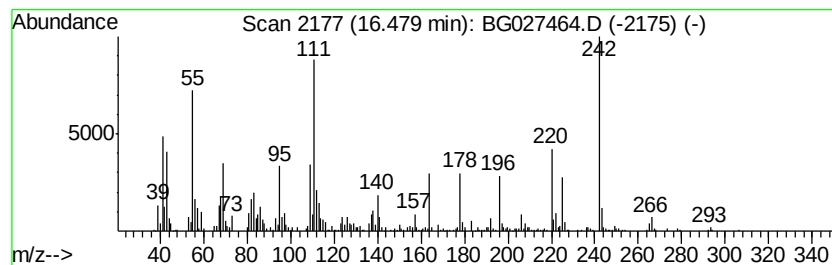
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown16.48 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	21.90 ng	1064040	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	14
2		Ethanone, 2-(6-phenylpyridin-2-yl)sulfanyl-1-thio...	311	C17H13NOS2	1000310-77-8	14
3		[4-(4-Methoxymethylbenzyl)phenyl]methanol	242	C16H18O2	1000202-05-8	11
4		5-Phenyl-piperonylic acid	242	C14H10O4	173788-54-0	11
5		2-Phenyl-piperonylic acid	242	C14H10O4	1000116-11-6	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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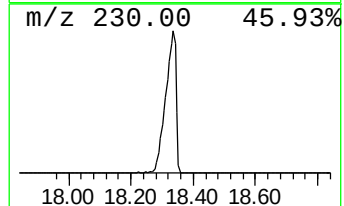
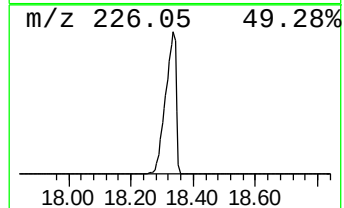
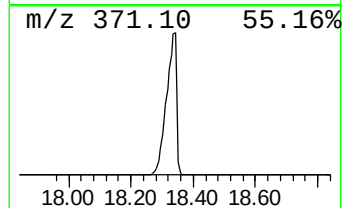
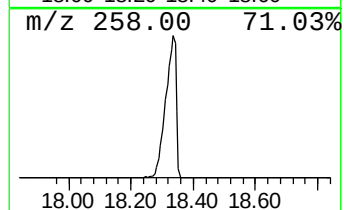
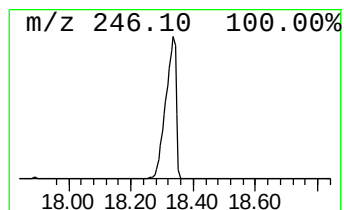
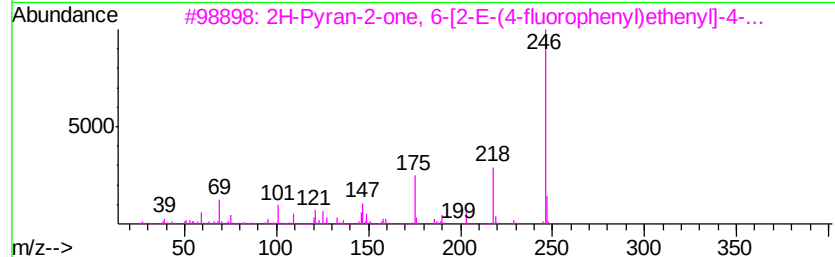
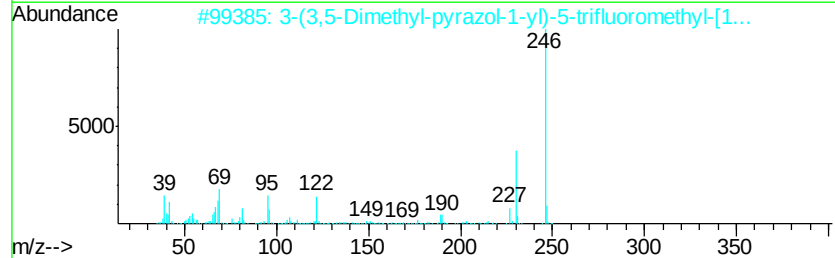
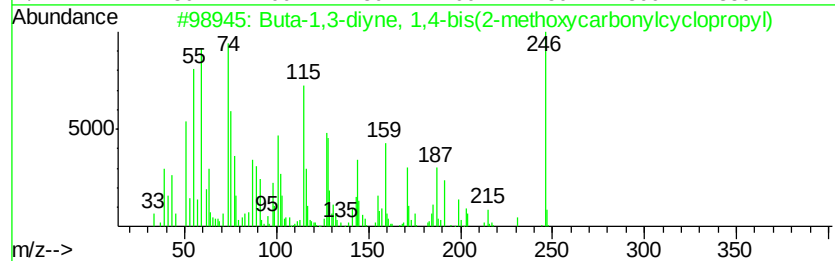
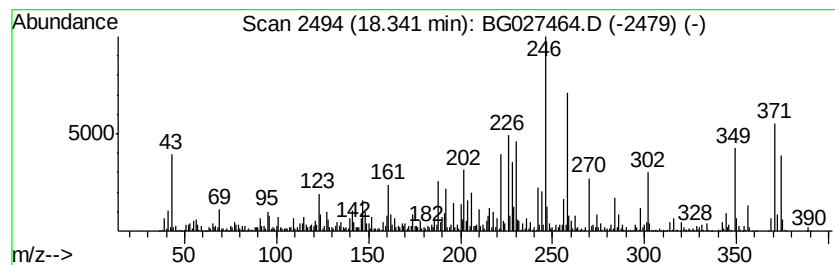
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Buta-1,3-diyne, 1,4-bis(2-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	294.55 ng	14313500	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Buta-1,3-diyne, 1,4-bis(2-methox...	246	C14H14O4	1000268-72-3	91
2		3-(3,5-Dimethyl-pyrazol-1-yl)-5-...	246	C8H9F3N6	1000294-10-9	35
3		2H-Pyran-2-one, 6-[2-E-(4-fluoro...	246	C14H11F03	1000159-18-6	15
4		2-Oxabicyclo[4.2.0]oct-4-en-3-on...	492	C28H22F2O6	1000159-97-9	11
5		7-Methyl-3,3'-bi(1H-indole)	246	C17H14N2	1000326-83-1	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
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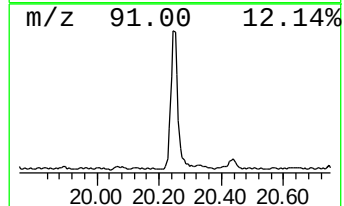
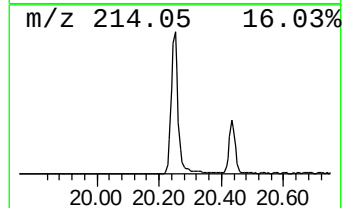
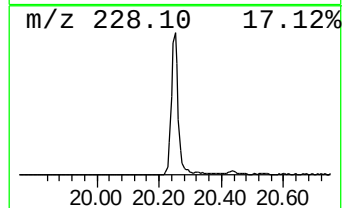
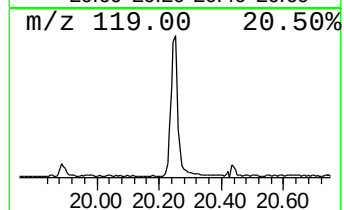
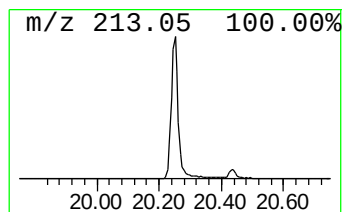
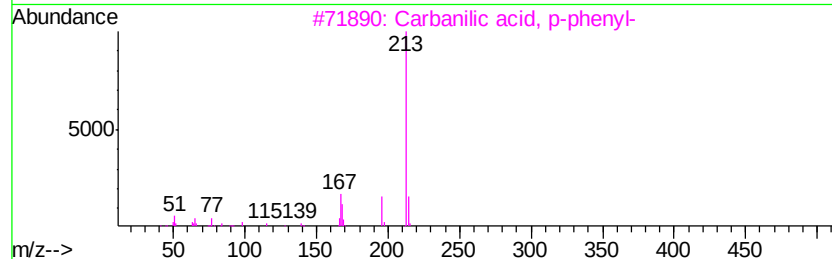
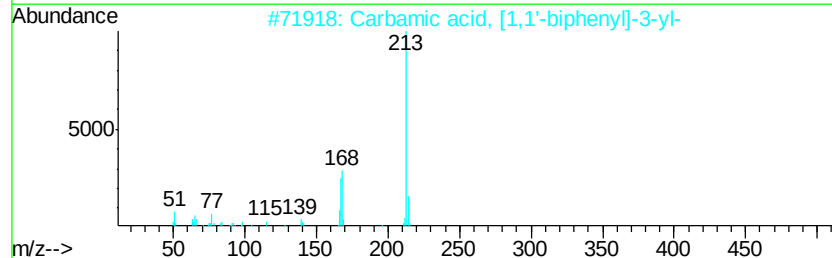
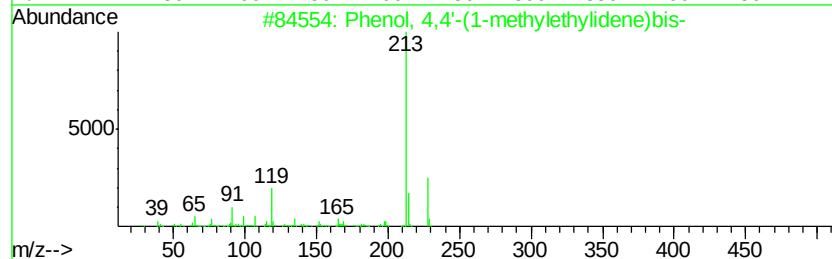
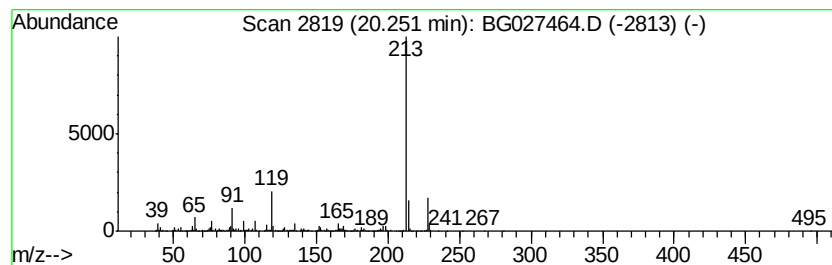
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	18.08 ng	1037500	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2		Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47
3		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
4		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	40
5		Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
Data File : BG027464.D
Acq On : 16 Jun 2017 5:36
Operator : SJ/MA
Sample : I3691-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A1013

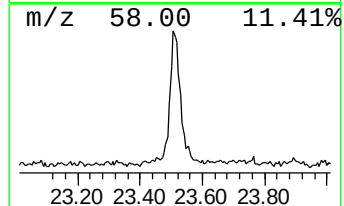
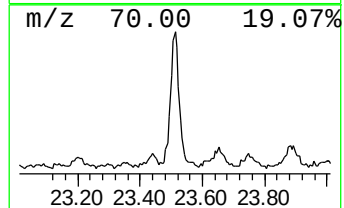
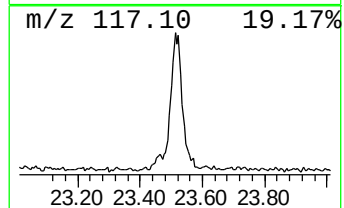
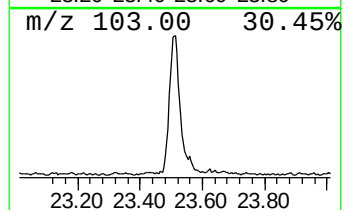
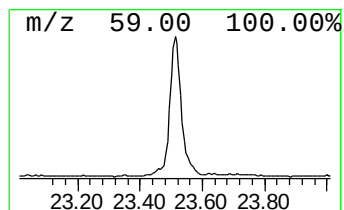
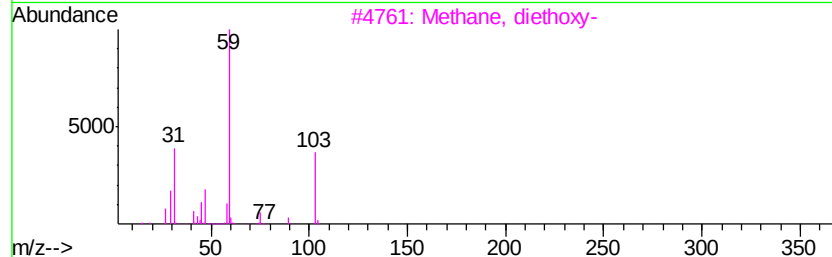
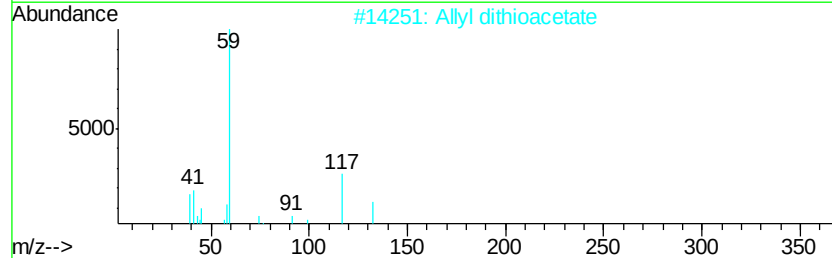
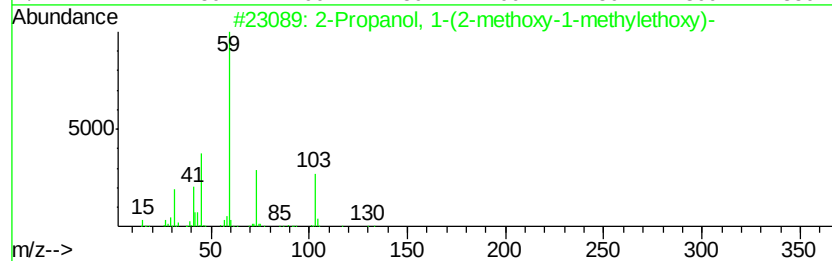
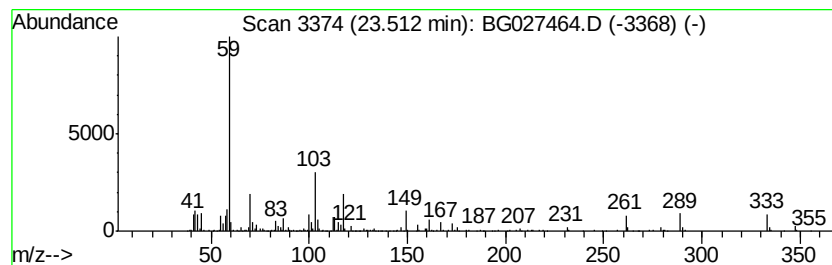
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown23.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	10.08 ng	578552	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	43
2		Allyl dithioacetate	132	C5H8S2	027249-83-8	43
3		Methane, diethoxy-	104	C5H12O2	000462-95-3	43
4		2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	43
5		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027464.D
 Acq On : 16 Jun 2017 5:36
 Operator : SJ/MA
 Sample : I3691-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A1013

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.66	13.2	ng	1006260	1	8.52	1520830	20.0
1,3,5,7-Cycloocta...	6.53	131.6	ng	10003700	1	8.52	1520830	20.0
.alpha.-Methylsty...	7.94	30.5	ng	2318590	1	8.52	1520830	20.0
Benzenemethanol, ...	9.62	31.0	ng	2359170	1	8.52	1520830	20.0
Benzene, 1,2,3,5-...	10.14	10.6	ng	238450	2	11.34	451187	20.0
Benzene, 1-methyl...	10.20	12.3	ng	277744	2	11.34	451187	20.0
unknown10.26	10.26	25.4	ng	572582	2	11.34	451187	20.0
unknown10.40	10.40	33.1	ng	745782	2	11.34	451187	20.0
Thiophene, tetrah...	11.61	339.7	ng	7663490	2	11.34	451187	20.0
Ethanol, 2-phenoxy-	11.68	33.1	ng	747089	2	11.34	451187	20.0
unknown11.76	11.76	42.7	ng	962835	2	11.34	451187	20.0
unknown11.83	11.83	10.4	ng	233526	2	11.34	451187	20.0
unknown11.97	11.97	44.3	ng	999831	2	11.34	451187	20.0
Nitroscanate	13.10	22.7	ng	512028	2	11.34	451187	20.0
Benzocycloheptatr...	13.18	12.2	ng	276018	2	11.34	451187	20.0
unknown16.48	16.48	21.9	ng	1064040	4	17.86	971895	20.0
Buta-1,3-diyne, 1...	18.34	294.6	ng	14313500	4	17.86	971895	20.0
Phenol, 4,4'-(1-m...	20.25	18.1	ng	1037500	5	22.23	1147570	20.0
unknown23.51	23.51	10.1	ng	578552	5	22.23	1147570	20.0